ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Air Quality Division

1110 W. Washington Street Phoenix, AZ 85007 Phone: (602) 771-2226

SIGNIFICANT PERMIT REVISION TO AIR QUALITY CONTROL PERMIT

(As required by Title 49, Chapter 3, Article 2, Section 49-426, Arizona Revised Statutes)

This air quality control permit does not relieve applicant of responsibility for meeting all air pollution regulations

BHP Copper, Inc.				
NAME (OR NAMES) OF OWNER OF	R PRINCIPALS D	OING BUSINESS A	AS THE ABOVE ORGANIZ	ZATION
MAILING ADDRESS P.O. Box 10				
Number	Stre			
Miami City or Community	Arizona State	85539 Zip Code		
ORIGINAL EQUIPMENT LOCATION		iles west of Miami, nber Street		
Gila County	Arizona	85539		
City or Community	State	Zip Code		
FACILITIES OR EQUIPMENT DESC	RIPTION Col	oper mining and pr	ocessing	
THIS PERMIT ISSUED SUBJECT TO	THE FOLLOWI	NG Condition	s as described in attached	
ADEQ SIGNIFICANT REVISION NU	MBER	893 PER	MIT CLASS Class	II
EICNIEICA NT DEVICION ICCUES T	THE	DAVOE	No	2000
SIGNIFICANT REVISION ISSUED T	ш5	_ DAY OF	November	, 2008
SIGNATUDE		Nanc	y C. Wrona, Director, Air Q	Quality Division



ATTACHMENT "B"

Addenda (Significant Revision 46893) to Operating Permit No. 38400

for

BHP Copper, Inc. Pinto Valley Unit

The following conditions are amendments to the requirements set forth in Attachment "B" of Operating Permit No.38400

Condition IV.A in Attachment "B" shall be revised as follows:

A. Applicability

This Section applies to the Moly Concentrate Dryer heater, Change Room boilers, Space Heaters, Hot water Heater, and two Heaters for the Cathode Wash Tank listed in Attachment "C".

Condition IV.B.1 in Attachment "B" shall be as revised follows:

B. Fuel Limitations

1. The Permittee shall only fire low sulfur diesel fuel (less than 0.9% sulfur) in the moly concentrate dryer heater and the change room boilers and only fire propane in the space heaters, hot water heaters, and cathode wash tank heaters.

[A.A.C. R18-2-306.A.2 and -724.G]

Condition IV.C.2.b in Attachment "B" shall be revised as follows:

b. A certified EPA Reference Method 9 observer shall conduct a monthly survey of visible emissions emanating from the stacks of the boilers and heaters. If the opacity of the emissions observed appears to exceed the standard, the observer shall conduct a certified EPA Reference Method 9 observation. The Permittee shall keep records of the initial survey and any EPA Reference Method 9 observations performed. These records shall include the emission point observed, location of observer, name of observer, date and time of observation, and the results of the observation.

[A.A.C. R18-2-306.A.3.c]

Condition V in Attachment "B" shall be revised as follows:

V. INTERNAL COMBUSTION ENGINES

A. GENERAL OPERATING REQUIREMENTS

1. Hourly Limitation

a. The Permittee shall limit the hours of operation for each engine to no more than 400 hours in any rolling 12-month period.

[A.A.C. R18-2-306.A.2, -306.01, and -331.A.3.a] [Material permit conditions are indicated by underline]

b. The Permittee shall install a non-resettable hour meter on each combustion ignition engine.

[A.A.C. R18-2-306.A.3.c and A.A.C. R18-2-331.A.3.c] [Material permit conditions are indicated by underline]

2. Monitoring and Recordkeeping

The Permittee shall keep records of monthly totals of the hours of operation of each internal combustion engine. At the end of each month, the Permittee shall calculate and record a rolling 12-month total of the hours of operation.

[A.A.C. R18-2-306.A.3.c]

B. COMPRESSION IGNITION ENGINES NOT SUBJECT TO NSPS

1. Applicability

This section applies to the Cottonwood Seepage Generator, No. 1 Seepage Generator, Gold Gulch 1A Generator, Gold Gulch 2 Generator, Canyon Dam Generator, North Barn Diesel Powered Power Washer, Mill Fire Water – Slurry Pump House, Diesel Powered Truck Wash, Tule Pond Pump, Upper Catchment Pump, and Baker Pond Pump listed in Attachment "C".

2. Fuel Limitations

a. The Permittee shall only fire low sulfur diesel (less than 0.9 percent by weight of sulfur) fuel in the emergency generators and water pumps.

[A.A.C. R18-2-719.H]

b. Recordkeeping

The Permittee shall record daily the sulfur content and lower heating value of the fuel being fired in the engine.

[A.A.C. R18-2-719.I]

c. Permit Shield

Compliance with this Part shall be deemed compliance with A.A.C. R18-2-719.H and A.A.C. R18-2-719.I.

[A.A.C. R18-2-325]

3. Particulate Matter and Opacity

a. Emissions Limitations and Standards

[A.A.C. R18-2-719.C.1]

1. The Permittee shall not cause, allow or permit the emission of particulate matter, caused by combustion of fuel, from any stationary rotating machinery into the atmosphere in excess of the amounts calculated by the following equation:

$$E = 1.02 \ Q^{0.769}$$

Where

E = the maximum allowable particulate emission rate in pounds-mass per hour

Q = the heat input in million Btu per hour

b. For purposes of this Section, the heat input shall be the aggregate heat content of all fuels whose products of combustion pass through a stack or other outlet. The total heat input of all operating fuel-burning units on a plant or premises shall be used for determining

the maximum allowable amount of particulate matter, which may be emitted.

[A.A.C. R18-2-719.B]

c. Opacity

1. The Permittee shall not cause, allow or permit to be emitted into the atmosphere from any stationary rotating machinery, smoke for any period greater than 10 consecutive seconds, which exceeds 40% opacity.

[A.A.C. R18-2-719.E]

2. Visible emissions when starting cold equipment shall be exempt from this requirement for the first 10 minutes.

[A.A.C. R18-2-719.E]

d. Monitoring, Record keeping, and Reporting Requirements

[A.A.C. R18-2-306.A.3.c]

- 1. The Permittee shall keep records of fuel supplier certifications. The certification shall contain information regarding the name of fuel supplier and lower heating value of the fuel. These records shall be made available to ADEQ upon request.
- 2. A certified EPA Reference Method 9 observer shall conduct a monthly survey of visible emissions emanating from the stack of the IC engines. If the opacity of the emissions observed appears to exceed the standard, the observer shall conduct a certified EPA Reference Method 9 observation. The Permittee shall keep records of the initial survey and any EPA Reference Method 9 observations performed. These records shall include the emission point observed, name of observer, date and time of observation, and the results of the observation.
- 3. If the observation results in a Method 9 opacity reading in excess of 40%, the Permittee shall report this to ADEQ as excess emission and initiate appropriate corrective action to reduce the opacity below 40%. The Permittee shall keep a record of the corrective action performed.
- e. Permit Shield

Compliance with this Part shall be deemed compliance with A.A.C. R18-2-719.C.1 and A.A.C. R18-2-719.E.

[A.A.C. R18-2-325]

4. Sulfur Dioxide

a. Emission Limitations and Standards

The Permittee shall not emit or cause to emit more than 1.0 pound of sulfur dioxide per million Btu.

[A.A.C. R18-2-719.F]

- b. Monitoring, Recordkeeping, and Reporting
 - 1. The Permittee shall keep daily records of the sulfur content and lower heating value of the fuel being fired in the machine. The Permittee shall keep records of fuel supplier certifications to demonstrate compliance with the Condition V.B.2.a. The certification shall contain the sulfur content of the fuel and the method used to determine the sulfur content of the fuel. These records shall be made available to ADEQ upon request.

2. The Permittee shall report to the Director any daily period during which the sulfur content of the fuel being fired in the machine exceeds 0.8%.

[A.A.C. R18-2-719.J]

c. Permit Shield

Compliance with this Part shall be deemed compliance with A.A.C. R18-2-719.F, A.A.C. R18-2-719.I, and A.A.C. R18-2-719.J.

[A.A.C. R18-2-325]

C. COMPRESSION IGNITION ENGINES SUBJECT TO NSPS

1. Applicability

This Section applies to the #4 Dam West Generator, #4 Dam Middle Generator, and the #4 Dam East Generator listed in Attachment "C".

2. General Requirements

- a. Operating Requirements
 - 1. The Permittee shall operate and maintain each compression ignition engine over its entire life according to the manufacturer's written instructions or procedures developed by the Permittee that are approved by the engine manufacturer. A copy of the instructions or procedures shall be kept onsite and made available to ADEQ upon request.

[40 CFR 60.4206, 60.4211(a) and A.A.C. R18-2-306.A.3]

2. The Permittee shall not operate the compression ignition engines except for emergency purposes, maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine.

[40 CFR 60.4211(e)]

3. The Permittee shall not operate each compression ignition engine for the purposes of maintenance checks and readiness testing for more than 100 hours per year.

[40 CFR 60.4211(e)]

4. The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of compression ignition engines beyond 100 hours per year. Copies of such records shall be provided to ADEQ upon request.

[40 CFR 60.4211(e)]

5. The Permittee shall only change those engine settings that are permitted by the manufacturer.

[40 CFR 60.4211(a)]

- 6. The Permittee shall not remove or disable a device or element of design that may affect a compression ignition engine's emission level. This prohibition does not apply during any of the following situations.
- 7. During repairs the compression ignition engine shall be returned to proper functioning when the repairs are complete.

8. While the engine is modified as necessary to respond to a temporary emergency but the engine shall be returned to proper functioning as soon as possible.

[40 CFR 1068.101(b)(1)(ii)]

9. The Permittee shall not install an engine part that bypasses, impairs, defeats or disables an engine's control of emissions of any pollutant.

[40 CFR 1068.101(b)(2)]

10. The Permittee shall follow the requirements of CFR 1068.120 during a rebuild of an engine.

[40 CFR 60.4211(a), 40 CFR 1068.120]

b. Fuel Requirements

- 1. The Permittee shall only burn diesel fuel in the compression ignition engines.

 [A.A.C. R18 2 306.A.2]
- 2. Until October 1, 2010, diesel fuel shall be used that meets the following requirements of 40 CFR 80.510(a):
 - i. Sulfur content: 500 parts per million (ppm) maximum; and
 - ii. A minimum cetane index of 40 or a maximum aromatic content of 35 volume percent. [40 CFR 60.4207(a)]
- 3. After October 1, 2010, diesel fuel shall be used that meets the following requirements of 40 CFR 80.510(b):
 - i. Sulfur content: 15 ppm maximum; and
 - ii. A minimum cetane index of 40 or a maximum aromatic content of 35 volume percent. [40 CFR 60.4207(b)]
- c. Monitoring and Recordkeeping
 - 1. The Permittee shall demonstrate compliance with the emergency generator emissions limitations contained in Conditions V.C.3, V.C.4, and V.C.5 by purchasing an emergency generator certified to the Tier 2 standards at 40 CFR 89.112(a) for the same model year and maximum engine power. The generator shall be installed and configured according to the manufacturer's specifications.

 [40 CFR 4211(c)]
 - 2. The Permittee shall maintain a copy of engine certifications or other documentation demonstrating that each engine complies with the applicable standards in this Permit, and shall make the documentation available to ADEQ upon request.

[A.A.C. R18-2-306.A.4]

d. Permit Shield

Compliance with the conditions of this Part shall be deemed compliance with 40 CFR 60.4206, 40 CFR 60.4207(a) and (b), 40 CFR 60.4211(a), 40 CFR 60.4211(c) and (e), 40 CFR 1068.101(b)(1)(i), (ii) and (2), and 40 CFR 1068.120.

[A.A.C. R18-2-325]

3. Particulate Matter

a. Emissions Limitations and Standards

Each emergency generator shall not emit greater than 0.60 grams of particulate matter per kilowatt-hour.

[40 CFR 60.4205(b)]

b. Permit Shield

Compliance with the conditions of this Part shall be deemed compliance with 40 CFR 60.4205(b).

[A.A.C. R18-2-325]

4. Nitrogen Oxides and Nonmethane Hydrocarbons

a. Emissions Limitations and Standards

Each emergency generator shall not emit greater than 7.5 grams of a combination of nitrogen oxides and nonmethane hydrocarbons per kilowatt-hour.

[40 CFR 60.4205(b)]

b. Permit Shield

Compliance with the conditions of this Part shall be deemed compliance with 40 CFR 60.4205(b).

[A.A.C. R18-2-325]

5. Carbon Monoxide

a. Emissions Limitations and Standards

Each emergency generator shall not emit greater than 5.5 grams of carbon monoxide per kilowatt-hour.

[40 CFR 60.4205(b)]

b. Permit Shield

Compliance with the conditions of this Part shall be deemed compliance with 40 CFR 60.4205(b).

[A.A.C. R18-2-325]

Condition IX in Attachment "B" shall be added as follows:

IX. GASOLINE STORAGE TANKS

A. Applicability

This Section applies to the 6,000 gallon gasoline tank in Attachment "C" of the Equipment List.

B. General Requirements

1. The storage tanks shall be equipped with a submerged filling device, or acceptable equivalent, for the control of hydrocarbon emissions.

[A.A.C. R18-2-710.B]

2. All pumps and compressors which handle volatile organic compounds shall be equipped with mechanical seals or other equipment of equal efficiency to prevent the release of organic contaminants into the atmosphere.

[A.A.C. R18-2-710.D]

C. Monitoring and Recordkeeping Requirements

The Permittee shall maintain a record of the typical Reid vapor pressure of the applicable tanks, dates of storage in the tanks, and dates when the storage tanks are empty.

[A.A.C. R18-2-710.E.1]

D. Permit Shield

Compliance with the conditions of this Part shall be deemed compliance with A.A.C. R18-2-710.B, A.A.C R18-2-710.D and A.A.C. R18-2-710.E.1.

[A.A.C. R18-2-325]





ATTACHMENT "C"

Addenda (Significant Revision 46893) to Operating Permit No. 38400

for

BHP Copper, Inc. Pinto Valley Unit

The following conditions are replacements to the equipment list in Attachment "C" of Operating Permit No.38400

Equipment listed in Attachment "C" shall be as follows:

EQUIPMENT TYPE	MAX. CAPACITY	MAKE	MODEL	POLLUTION CONTROL	EQUIPMENT ID NUMBER	DATE OF MFG.
Primary Crushing Circuit						
Primary Crusher	4000 tph	Traylor	N/A	15DC01	71-20489	1974
Coarse Ore Bin	800 tons	N/A	N/A	15DC01	15BN01	1973
Apron Feeder	4500 tph	N/A	N/A	15DC01	15FE01	1974
Conveyor Belt#1	4500 tph	Continental	N/A	15DC01	15CV01	1973
Conveyor Belts (3 Nos.)	1500 tph each	Continental	N/A	21DC01	2a to 2c	1973
Pan feeder (6 Nos.)	4500 tph	N/A	N/A	Water Spray	21FE01 to FE06	1973
		Secondar	y Crushing Ci	rcuit		
Tyrock Screens (3 Nos.)	1500 tph each	Tyrock	N/A	22DC03	22SC01, 02, 03	1974
Cone Crushers (3 Nos)	1500 tph each	Symons Noreburg	N/A	22DC03	1-7717, 2- 7718, 3-7719	1980
Conveyor Belt (3 Nos.)	5000 tph each	Continental/City Services	N/A	22DC05	07CV001, 002, 003	1980
Tertiary Surge Bin	2000 tons	N/A	N/A	22DC04	22BN01	1973
Tripping Car	5349 tons	N/A	N/A	N/A	22CV31	1973
Conveyor Belts (6 Nos.)	669 tph each	N/A	N/A	22DC01, 02	6a to 6f	1973
Screens (6 Nos.)	669 tph each	Tyler	Tyrock Double Deck 8'X20'	22DC01, 02	22SC04 to 09	1973
Tertiary Cone Crushers (3 Nos)	3000 tph each	Symons Noreburg	N/A	22DC01	4-7720, 5- 7721, 6-7722	1980
Tertiary Cone Crushers (3 Nos)	3000 tph each	Symons Noreburg	N/A	22DC02	7-7723, 8- 7724, 9-7725	1979
Conveyor Belt	4500 tph	Continental	N/A	22DC06	07CV004	1990
Conveyor Belt	4500 tph	Continental	N/A	22DC06	07CV005	1973
Tripping Car	4500 tons	N/A	N/A	N/A	22CV51	1973
Concentrator Circuit						
Fine Ore storage Bin	100,000 tons	N/A	N/A	23DC01	23BN01	1973
Feeder Belts (12)	500 tph each	N/A	N/A	23DC02-07	23CV01 to 12	1974
Ball Mill Feed Conveyor Belts	500 tph each	N/A	N/A	23DC02-07	23CV13 to 18	1974

Significant Revision #46893 to Operating Permit #48300

December 2, 2008

Moly Dryer Wet Scrubber	1974 1995 1974 1974 1974 1981				
Moly Dryer	1995 1974 1974 1974				
Moly Dryer Wet Scrubber	1995 1974 1974 1974				
Noly Conc. G4284 gallons/year fuel Systems 50-2-1 HHC N/A N/A	1974 1974 1974 1981				
Moly Conc. Dryer Heater Sallons/year First Thermal Systems So-2-1 HHC N/A	1974 1974 1981				
Moly Conc. Dryer Heater fuel Systems S0-2-1 HHC N/A N/A N/A Most N/A N/A Most N/A N/A Most N/A N/A	1974 1974 1981				
Room Boiler Gallons/year Lower Change Room Boiler Callons/year Patterson Kelly N/A N/A WOFD 1500 1	1974 1981				
N/A N/A WOFD 2/50 N/A N/A WOFD 2/50 N/A	1981				
Mixer Settler Tanks 23973 sq. ft. N/A N/A N/A N/A 104-MX-01 to 06 Raffinate Pond 32280 sq. ft. N/A N/A N/A 104PD01 Heaters, Cathode Wash Tank 420,000 btu/hr A.O. Smith HW420 993 N/A 35367 Heaters, Cathode Wash Tank 420,000 btu/hr A.O. Smith HW420 993 N/A 71974 2 Space Heater 100,000 btu Rudd Silhouette II N/A N/A N/A Space Heater 100,000 btu Rudd Silhouette II N/A N/A N/A Hot Water Heater 85 gal 740,000 btu A.O. Smith Masterfit N/A E06M006098 2 Electrowinning Cells 16500 sq. ft. N/A N/A N/A N/A 104-CL-01, 02 1 Ball Mill 7.5 tph Denver N/A N/A N/A 41CV01 Bucket Elevator 7.5 tph Linkbelt N/A N/A 41CV03					
Tanks					
Heaters, Cathode Wash Tank	1981				
Wash Tank 420,000 btu/hr A.O. Smith HW420 993 N/A 3536/ Heaters, Cathode Wash Tank 420,000 btu/hr A.O. Smith HW420 993 N/A 71974 2 Space Heater 100,000 btu Rudd Silhouette II N/A N/A N/A Space Heater 100,000 btu Rudd Silhouette II N/A N/A N/A Hot Water Heater 85 gal 740,000 btu A.O. Smith Masterfit N/A E06M006098 2 Electrowinning Cells 16500 sq. ft. N/A N/A N/A 104-CL-01, 02 1 Ball Mill 7.5 tph Denver N/A N/A N/A 41CV01 Ball Bin Loading Screw 12" Pacific N/A N/A N/A 41CV02 Bucket Elevator 7.5 tph Linkbelt N/A N/A 41CV03					
Wash Tank 420,000 btu/hr A.O. Smith HW420 993 N/A 719/4 Space Heater 100,000 btu Rudd Silhouette II N/A N/A Space Heater 100,000 btu Rudd Silhouette II N/A N/A Space Heater 100,000 btu Rudd Silhouette II N/A N/A Hot Water Heater 85 gal 740,000 btu A.O. Smith Masterfit N/A E06M006098 Electrowinning Cells 16500 sq. ft. N/A N/A N/A 104-CL-01, 02 Lime Crushing Unit Lime Crushing Unit Lime Bin Loading Screw 16" Pacific N/A N/A 41CV01 Ball Bin Loading Screw 12" Pacific N/A N/A 41CV02 Bucket Elevator 7.5 tph Linkbelt N/A N/A N/A 41CV03	1996				
Space Heater 100,000 btu Rudd Silhouette II N/A N/A Space Heater 100,000 btu Rudd Silhouette II N/A N/A Hot Water	2003				
Space Heater 100,000 btu Rudd Silhouette II N/A N/A Hot Water 85 gal 740,000 btu Heater 740,000 btu A.O. Smith Masterfit N/A E06M006098 Electrowinning 16500 sq. ft. N/A N/A N/A N/A 104-CL-01, 02 Lime Crushing Unit	1999				
Hot Water Heater 740,000 btu Heater 740,000 btu Heater Heater Telectrowinning 16500 sq. ft. N/A N/A N/A N/A 104-CL-01, 02 Telectrowinning Tele	1999				
Heater	1999				
Cells N/A N/A N/A N/A IO4-CL-01, 02 Lime Crushing Unit Ball Mill 7.5 tph Denver N/A N/A 41ML01 Lime Bin Loading Screw 16" Pacific N/A N/A 41CV01 Ball Bin Loading Screw 12" Pacific N/A N/A 41CV02 Bucket Elevator 7.5 tph Linkbelt N/A N/A 41CV03	2006				
Ball Mill 7.5 tph Denver N/A N/A 41ML01 Lime Bin Loading Screw 16" Pacific N/A N/A 41CV01 Ball Bin Loading Screw 12" Pacific N/A N/A 41CV02 Bucket Elevator 7.5 tph Linkbelt N/A N/A 41CV03	1981				
Lime Bin Loading Screw Ball Bin Loading Screw 12" Pacific N/A N/A N/A 41CV01 Ducket Elevator 7.5 tph Linkbelt N/A N/A N/A N/A A1CV02					
Loading Screw 16" Pacific N/A N/A 41CV01 Ball Bin Loading Screw 12" Pacific N/A N/A 41CV02 Bucket Elevator 7.5 tph Linkbelt N/A N/A 41CV03	1974				
Loading Screw Bucket Elevator 7.5 tph Linkbelt N/A N/A N/A 41CV02 41CV02	1974				
	1974				
Metallurgical Laboratory	1974				
	1974				
	1974				
Combo	2007				
Standby Generators					
Cottonwood Seepage 43 KVA (58 hp) Kohler-1 N/A N/A 680	1994				
No. 1 Seepage 187 KVA (251 hp) Cat N/A N/A 846	1994				
128 KVA (172	1994				
31 25 KVA (42) 25 ODTA-	1994				
250 KVA (335	1994				
25 KVA (34 DCA N/A	2007				
#4 Dam Middle 25 KVA (34 Whisperwatt DCA- N/A 685 2					

	hp)		25SSIU2			
#4 Dam East	25 KVA (34 hp)	Whisperwatt	DCA- 25SSIU2	N/A	686	2007
	• :	Diesel Powe	r Washers and	Pumps		
North Barn	9 hp	Sioux-Dakota Series	H5.3D2800	N/A	0704020	1973
Mill Fire Water – Slurry Pump House	340 hp	Cummings	NT - 380 - IF	N/A	09PM001	1975
Truck Wash	7.5 hp	Sioux	330H	N/A	109351	1973
Tule Pond Pump	322 hp	Godwin	HL-10	N/A	670	1973
Upper Catchment Pump	275 hp	Gorman-Rupp	VG4D3	N/A	1022	1973
Baker Pond Pump	52 hp	Gorman-Rupp	7288A	N/A	8526562	1973
Filter Plant						
Air Compressor	1019 scfm	Atlas Copco	GA 200	N/A	650-CO-001	2007
Air Compressor	1019 scfm	Atlas Copco	GA 200	N/A	650-CO-002	2007
Air Compressor	1019 scfm	Atlas Copco	GA 200	N/A	650-CO-003	2007
Air Compressor	1019 scfm	Atlas Copco	GA 200	N/A	650-CO-004	2007
Belt Conveyor	120 tph	Terra Nova Technologies	N/A	N/A	650-CV-001	2007
Belt Feeder	120 tph	Terra Nova Technologies	N/A	N/A	650-FE-001	2007
Gasoline Tanks						
Gasoline Tank	6000 gal	N/A	N/A	N/A	FS-GS-01	1994
Miscellaneous Equipment						
Prill Silo	45 tons	N/A	N/A	Filter Box	Prill Silo	1973



Equipment List (Continued) MISCELLANEOUS STORAGE TANKS

T 1 1 4 C' N7 1 T 14				
Tank description	Size/Volume	Unit ID/Serial Number		
Holding Tank- SXEW Circuit	95,200 gal	103-TK-04		
Electrolyte Filter Tank- SXEW Circuit	2,100 gal	103-FL-01 (9226)		
Gunk Tank- SXEW Circuit	15,200 gal	103-TK-05		
Recirculation Tank- SXEW Circuit	13,800 gal	103-TK-09		
Filter feed Tank- SXEW Circuit	10,100 gal	103-TK-07		
Acid Tanks-SXEW Circuit-2 Each	6,000 gal ea	104-TK-01 104-TK-02		
Electrolyte Tank- SXEW Circuit	13,500 gal	103-TK-08		
Organic Makeup Tank	11,400 gal	103TK03		
LIX Bulk Tank	5,000 gal	103TK17		
Pickling Tank	2,087	105TK02		
Receiving Tank	28,800	103TK10		
Organic Tank	95,200 gal	103TK01		
Gunk Cone Tank	7,000 gal	None		
Organic Recovery	7,000 gal	None		
Sodium Cyanide Tanks PVU Reagent Bldg, 2 Each	1,500 gal ea	41TK 17 41TK18		
Dry Lime Storage Tank PVU Lime Plant	240 tons	41TK19		
Gasoline	6,000 gal	FS-GS-01		
Ammonia Sulfide	9,000 gal	41TK04		
Tanks PVU Reagent Bldg, 2 each		41TK04A		
Milk of Lime Tanks	100,000 each	41TK01		
PVU Lime Plant, 2 each		41TK02		
Antifreeze Tank PVU Reagent Bldg	525 gal	12TK01		